

DEC. 7.2004 5:33PM TTC-PA 650-326-2422

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PTO/SB/21 (09-04)

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

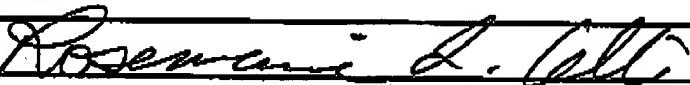
Total Number of Pages in This Submission

Application Number	09/724,569
Filing Date	November 28, 2000
First Named Inventor	John P. Anderson et al.
Art Unit	1652
Examiner Name	Małgorzata A. Walicka
Total Number of Pages in This Submission	9
Attorney Docket Number	015270-008446US

ENCLOSURES (Check all that apply)

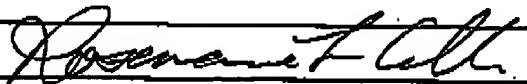
<input checked="" type="checkbox"/> Fee Transmittal Form (1 p., submitted in duplicate)	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply (6 pages)	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request (1 page)	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
	<input type="checkbox"/> CD, Number of CD(s) _____	
	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Townsend and Townsend and Crew LLP		
Signature			
Printed name	Rosemarie L. Celli		
Date	December 7, 2004	Reg. No.	42,397

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, Fax No. (703) 872-9306 on December 7, 2004

Signature	
Typed or printed name	Rosemarie L. Celli
Date	Dec. 7, 2004

60373059 v1

FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1530

Complete if Known

Application Number	09/724,569
Filing Date	November 28, 2000
First Named Inventor	John P. Anderson et al.
Examiner Name	Małgorzata A. Walicka
Art Unit	1652
Attorney Docket No.	015270-008446US

METHOD OF PAYMENT (check all that apply)

 Check Credit Card Money Order Other None
 Deposit Account:
Deposit Account Number **20-1430**Deposit Account Name **Townsend and Townsend and Crew LLP**

The Director is authorized to: (check all that apply)

-
- Charge fee(s) indicated below
-
- Credit any overpayments
-
-
- Charge any additional fee(s) or any underpayment of fee(s)
-
-
- Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 790	2001 396	Utility filing fee	
1002 350	2002 176	Design filing fee	
1003 550	2003 278	Plant filing fee	
1004 780	2004 396	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) **(5)**

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims		X	
Multiple Dependent		X	

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 68	2201 44	Independent claims in excess of 3
1203 200	2203 150	Multiple dependent claim, if not paid
1204 88	2204 44	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) **(9)**

*or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 26	Surcharge - late provisional filing fee or cover sheet	
1053 180	1053 180	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1281 110	2281 55	Extension for reply within first month	
1282 430	2282 215	Extension for reply within second month	
1283 880	2283 490	Extension for reply within third month	
1284 1,530	2284 785	Extension for reply within fourth month	1530
1255 2,080	2285 1,040	Extension for reply within fifth month	
1401 340	2401 170	Notice of Appeal	
1402 340	2402 170	Filing a brief in support of an appeal	
1403 900	2403 150	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 685	Petition to revive - unintentional	
1501 1,370	2501 685	Utility issue fee (or reissue)	
1502 490	2502 245	Design issue fee	
1503 660*	2503 390	Plant issue fee	
1480 130	1480 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1808 180	1808 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 780	2808 385	Filing a submission after final rejection (37 CFR § 1.128(a))	
1810 780	2810 395	For each additional invention to be examined (37 CFR § 1.128(b))	
1801 780	2801 395	Request for Continued Examination (RCE)	
1802 800	1802 900	Request for expedited examination of a design application	
Other fee (specify)			

*Reduced by Basic Filing Fee Paid SUBTOTAL (3)

(\$1530)

SUBMITTED BY

Complete if applicable

Name (Print/Type)	Rosemarie L. Gelli	Registration No. (Attorney/Agent)	42,397	Telephone	650-326-2400
Signature				Date	December 7, 2004

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60373064 v1

FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

1530

Complete if Known

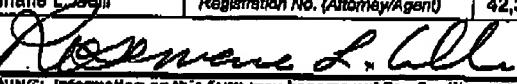
Application Number	09/724,569
Filing Date	November 28, 2000
First Named Inventor	John P. Anderson et al.
Examiner Name	Małgorzata A. Walicka
Art Unit	1652
Attorney Docket No.	015270-006446US

METHOD OF PAYMENT (check all that apply)					
<input checked="" type="checkbox"/> Check	<input type="checkbox"/> Credit Card	<input type="checkbox"/> Money Order	<input type="checkbox"/> Other	<input type="checkbox"/> None	
<input checked="" type="checkbox"/> Deposit Account:					
Deposit Account Number	20-1430				
Deposit Account Name	Townsend and Townsend and Crew LLP				
The Director is authorized to: (check all that apply)					
<input checked="" type="checkbox"/> Charge fee(s) indicated below	<input checked="" type="checkbox"/> Credit any overpayments				
<input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s)					
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.					
FEE CALCULATION					
1. BASIC FILING FEE					
Large Entity	[Small Entity]				
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	780	2001	895	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	780	2004	395	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)			(\$)		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE					
Total Claims	<input type="checkbox"/>	<input checked="" type="checkbox"/> Extra Claims	<input type="checkbox"/>	Fee from below	Fee Paid
Independent Claims	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Multiple Dependent	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Large Entity	[Small Entity]				
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1202	18	2202	8	Claims in excess of 20	
1201	88	2201	44	Independent claims in excess of 3	
1203	300	2203	160	Multiple dependent claim, if not paid	
1204	88	2204	44	" Reissue independent claims over original patent	
1205	18	2205	8	" Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)			(\$)		

*Or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)					
3. ADDITIONAL FEES					
Large Entity	Small Entity				
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	820*	1804	820*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	430	2252	215	Extension for reply within second month	
1253	980	2253	490	Extension for reply within third month	
1254	1,580	2254	785	Extension for reply within fourth month	
1265	2,080	2255	1,040	Extension for reply within fifth month	
1401	340	2401	170	Notice of Appeal	
1402	340	2402	170	Filing a brief in support of an appeal	
1403	300	2403	150	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,880	2453	885	Petition to revive - unintentional	
1501	1,870	2501	885	Utility issue fee (or reissue)	
1502	490	2502	245	Design issue fee	
1503	660*	2503	390	Plant issue fee	
1480	130	1480	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1808	160	1808	160	Submission of Information Disclosure Stmt	
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1810	780	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	780	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify) _____					
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$)	
(\$) 1530					

SUBMITTED BY

Name (Print/Type)	Rosemarie L. Celi	Registration No. (Attorney/Agent)	42,397	Telephone	650-328-2400
Signature				Date	December 7, 2004

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TOWNSEND and TOWNSEND and CREW LLP

By: Rosanne L. Cillie

PATENT

Attorney Docket No.: 015270-006446US
Client Ref. No.: 228-US-NEW2C6

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

John P. Anderson et al.

Application No.: 09/724,569

Filed: November 28, 2000

For: BETA-SECRETASE ENZYME
COMPOSITIONS AND METHODS

Customer No.: 20350

Confirmation No. 6102

Examiner: Malgorzata A. Walicka

Technology Center/Art Unit: 1652

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This paper is submitted in response to the Restriction/Election of Species Requirement mailed July 8, 2004. A petition to extend the time to respond for four months, from August 8, 2004 to December 8, 2004 is submitted herewith. Please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.